

**AMENDMENTS TO THE CLAIMS:**

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

**LISTING OF CLAIMS:**

1. - 18. (Canceled).

19. (Currently amended) An isolated DNA comprising one DNA selected from each of the following eight groups:

Group 1 consisting of a DNA of the following DNAs 1(a) and 1(b):

1(a): a DNA having the nucleotide sequence ~~represented by~~ of SEQ ID NO: 9; and

1(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 9, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NOS: 2 to 8 to form a protein complex having F<sub>0</sub>F<sub>1</sub>-ATPase activity~~hybridizing with the DNA of 1(a) under stringent conditions and encoding a protein exerting F<sub>0</sub>F<sub>1</sub>-ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 2 to 8;~~

Group 2 consisting of the following DNAs 2(a) and 2(b):

2(a): a DNA having the nucleotide sequence ~~represented by~~ of SEQ ID NO: 10; and

2(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 10, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NO: 1 and SEQ ID NOS: 3 to 8 to form a protein complex having F<sub>0</sub>F<sub>1</sub>-ATPase activity~~hybridizing~~

~~with the DNA of 2(a) under stringent conditions and encoding a protein exerting  $F_0F_1$ -ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NO: 1 and SEQ ID NOS: 3 to 8;~~

Group 3 consisting of the following DNAs 3(a) and 3(b):

3(a): a DNA having the nucleotide sequence ~~represented by~~ of SEQ ID NO: 11; and

3(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 11, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NOS: 1 to 2 and SEQ ID NOS: 4 to 8 to form a protein complex having  $F_0F_1$ -ATPase activity~~hybridizing with the DNA of 3(a) under stringent conditions and encoding a protein exerting  $F_0F_1$ -ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 1 to 2 and SEQ ID NOS: 4 to 8;~~

Group 4 consisting of the following DNAs 4(a) and 4(b):

4(a): a DNA having the nucleotide sequence ~~of~~ represented by SEQ ID NO: 12; and

4(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 12, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NOS: 1 to 3 and SEQ ID NOS: 5 to 8 to form a protein complex having  $F_0F_1$ -ATPase activity~~hybridizing with the DNA of 4(a) under stringent conditions and encoding a protein exerting  $F_0F_1$ -ATPase activity when the protein forms a complex with all of the individual proteins having the individual amino acid sequences represented by~~

~~each of SEQ ID NOS: 1 to 3 and SEQ ID NOS: 5 to 8;~~

Group 5 consisting of the following DNAs 5(a) and 5(b):

5(a): a DNA having the nucleotide sequence ~~represented by~~ of SEQ ID NO:13; and

5(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 13, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NOS: 1 to 4 and SEQ ID NOS: 6 to 8 to form a protein complex having  $F_0F_1$ -ATPase activity~~hybridizing with the DNA of 5(a) under stringent conditions and encoding a protein exerting the  $F_0F_1$ -ATPase activity when the protein forms a complex with all the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 1 to 4 and SEQ ID NOS: 6 to 8;~~

Group 6 consisting of the following DNAs 6(a) and 6(b):

6(a): a DNA having the nucleotide sequence ~~represented by~~ of SEQ ID NO: 14; and

6(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 14, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NOS: 1 to 5 and SEQ ID NOS. 7 and 8 to form a protein complex having  $F_0F_1$ -ATPase activity~~hybridizing with the DNA of 6(a) under stringent conditions and encoding a protein exerting  $F_0F_1$ -ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 1 to 5 and SEQ ID NOS: 7 and 8;~~

Group 7 consisting of the following DNAs 7(a) and 7(b):

7(a): a DNA having the nucleotide sequence ~~represented by~~ of SEQ ID

NO:15; and

7(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 15, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NOS: 1 to 6 and SEQ ID NO: 8 to form a protein complex having F<sub>0</sub>F<sub>1</sub>-ATPase activity~~hybridizing with the DNA of 7(a) under stringent conditions and encoding a protein exerting F<sub>0</sub>F<sub>1</sub>-ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 1 to 6 and SEQ ID NO: 8; and~~

Group 8 consisting of the following DNAs 8(a) and 8(b):

8(a): a DNA having the nucleotide sequence ~~represented by~~of SEQ ID NO: 16; and

8(b): a DNA being at least 95% identical to the DNA having the nucleotide sequence of SEQ ID NO: 16, and which encodes a protein that is combined with all individual proteins having the amino acid sequence each of SEQ ID NOS: 1 to 7 to form a protein complex having F<sub>0</sub>F<sub>1</sub>-ATPase activity~~hybridizing with the DNA of 8(a) under stringent conditions and encoding a protein exerting F<sub>0</sub>F<sub>1</sub>-ATPase activity when the protein forms a complex with all of the individual proteins having the amino acid sequences represented by each of SEQ ID NOS: 1 to 7.~~

20. (Currently amended) An isolated DNA having the nucleotide sequences ~~represented by~~of SEQ ID NOS: 9 to 16.

21. (Currently amended) An isolated DNA having the nucleotide sequence ~~represented by~~of SEQ ID NO: 21.

22. (Currently amended) The DNA according to claim 19, where the DNA is ~~derived from~~ isolated from a microorganism belonging to the genus Corynebacterium.

23. (Currently amended) The DNA according to claim 19, where the DNA is ~~derived from~~ isolated from a microorganism of the species Corynebacterium ammoniagenes.

24. (Canceled).

25. (Previously presented) A recombinant DNA constructed by inserting the DNA according to Claim 19 into a vector.

26. (Previously presented) A transformant obtained by transformation of a host cell with the recombinant DNA according to claim 25.

27. (Original) A transformant according to claim 26, where the host cell is a microorganism of the species Escherichia coli, Corynebacterium glutamicum or Corynebacterium ammoniagenes.

28. (Canceled).

29. (Currently amended) A method for producing a protein complex having the  $F_0F_1$ -ATPase activity, which comprises culturing a transformant obtained by

transformation of a host cell with the recombinant DNA according to claim 25 in a culture medium, so as to allow a protein complex having ~~the~~  $F_0F_1$ -ATPase activity to be expressed and accumulated in the culture and recovering the protein complex from the culture.

30. - 32. (Canceled).

33. (Previously presented) A recombinant DNA constructed by inserting the DNA according to Claim 20 into a vector.

34. (Previously presented) A recombinant DNA constructed by inserting the DNA according to Claim 21 into a vector.

35. (Previously presented) A transformant obtained by transformation of a host cell with the recombinant DNA according to claim 33.

36. (Previously presented) A transformant obtained by transformation of a host cell with the recombinant DNA according to claim 34.

37. (Currently amended) A method for producing a protein complex having ~~the~~  $F_0F_1$ -ATPase activity, which comprises culturing a transformant obtained by transformation of a host cell with the recombinant DNA according to claim 33 in a culture medium, so as to allow a protein complex having ~~the~~  $F_0F_1$ -ATPase activity to be expressed and accumulated in the culture and recovering the protein complex from the culture.

38. (Currently amended) A method for producing a protein complex having the  $F_0F_1$ -ATPase activity, which comprises culturing a transformant obtained by transformation of a host cell with the recombinant DNA according to claim 34 in a culture medium, so as to allow a protein complex having the  $F_0F_1$ -ATPase activity to be expressed and accumulated in the culture and recovering the protein complex from the culture.